

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

```
CCCCCCCCC HH HH MM MM GGGGGGGG CCCCCCCC 000000 UU UU NN NN TTTTTTTTTT
CCCCCCCCC HH HH MM MM GGGGGGGG CCCCCCCC 000000 00 00 UU UU NN NN TTTTTTTTTT
CC HH HH MM MM GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG GG GG CC 00 00 UU UU NN NN TT
CC HH HH MM MM GG GG GG GG CC 00 00 UU UU NN NN TT
CCCCCCCCC HH HH MM MM GGGGGG CCCCCCCC 000000 00 00 UUUUUUUUUU NN NN TTT
CCCCCCCCC HH HH MM MM GGGGGG CCCCCCCC 000000 00 00 UUUUUUUUUU NN NN TTT
. . . .
. . . .
. . . .
. . . .
```

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LL I I I I I S S S S S S S
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LL I I I I I S S S S S S
LLLLLLLLLLL I I I I I S S S S S S
LLLLLLLLLLL I I I I I S S S S S S
```

```
0001 0 %TITLE 'EDT$CHMGCOUNT - look for a repeat or entity count'
0002 0 MODULE EDT$CHMGCOUNT ( ! Look for a repeat or entity count
0003 0 IDENT = 'V04-000' ! File: CHMGCOUNT.BLI Edit: JBS1005
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module looks for a repeat/entity count.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0045 1 extracting the routine EDT$CHK_CNT from module CHANGE.BLI.
0046 1 1-002 - Regularize headers. JBS 02-Mar-1981
0047 1 1-003 - Don't allow repeat counts greater than 32767. JBS 10-Mar-1982
0048 1 1-004 - Change numeric test. JBS 19-Jul-1982
0049 1 1-005 - Add conditional for VT220 support. JBS 11-Feb-1983
0050 1 --
0051 1
```


EDT\$CHMGCOUNT
V04-000

EDT\$CHMGCOUNT - look for a repeat or entity cou
Declarations

E 10
15-Sep-1984 23:57:35
14-Sep-1984 12:22:31

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMGCOUNT.BLI;1

Page 2
(2)

```

: 53      0052 1 %SBTTL 'Declarations'
: 54      0053 1
: 55      0054 1 : TABLE OF CONTENTS:
: 56      0055 1 :
: 57      0056 1
: 58      0057 1 REQUIRE 'EDT$SRC:TRAROUNAM';
: 59      0496 1
: 60      0497 1 FORWARD ROUTINE
: 61      0498 1     EDT$CHK_CNT;
: 62      0499 1
: 63      0500 1 :
: 64      0501 1 : INCLUDE FILES:
: 65      0502 1 :
: 66      0503 1
: 67      0504 1 REQUIRE 'EDT$SRC:EDTREQ';
: 68      0639 1
: 69      0640 1 LIBRARY 'EDT$SRC:SUPPORTS';
: 70      0641 1
: 71      0642 1 :
: 72      0643 1 : MACROS:
: 73      0644 1 :
: 74      0645 1 :     NONE
: 75      0646 1 :
: 76      0647 1 : EQUATED SYMBOLS:
: 77      0648 1 :
: 78      0649 1 :     NONE
: 79      0650 1 :
: 80      0651 1 : OWN STORAGE:
: 81      0652 1 :
: 82      0653 1 :     NONE
: 83      0654 1 :
: 84      0655 1 : EXTERNAL REFERENCES:
: 85      0656 1 :
: 86      0657 1 :     In the routine
```

! Look for a repeat/entity count

EDT\$CHMGCOUNT
V04-000

EDT\$CHMGCOUNT - look for a repeat or entity cou
EDT\$\$CHK_CNT - look for a repeat/entity count

F 10

15-Sep-1984 23:57:35

14-Sep-1984 12:22:31

VAX-11 Bliss-32 V4.0-742

[EDT.SRC]CHMGCOUNT.BLI;1

Page 3
(3)

```

88      0658 1 %SBTTL 'EDT$$CHK_CNT - look for a repeat/entity count'
89      0659 1
90      0660 1 GLOBAL ROUTINE EDT$$CHK_CNT (                ! Look for a repeat or entity count
91      0661 1     COUNT                                     ! Where to store count
92      0662 1     ) =
93      0663 1
94      0664 1 ++
95      0665 1 FUNCTIONAL DESCRIPTION:
96      0666 1
97      0667 1     This routine looks for a repeat/entity count, and stores it in the
98      0668 1     formal parameter COUNT.
99      0669 1
100     0670 1 FORMAL PARAMETERS:
101     0671 1
102     0672 1     COUNT                      Where to return the value of the count
103     0673 1
104     0674 1 IMPLICIT INPUTS:
105     0675 1
106     0676 1     EDT$$A_CMD_BUF
107     0677 1
108     0678 1 IMPLICIT OUTPUTS:
109     0679 1
110     0680 1     EDT$$A_CMD_BUF
111     0681 1
112     0682 1 ROUTINE VALUE:
113     0683 1
114     0684 1     A value of 1 is returned if an explicit count was seen,
115     0685 1     0 means no explicit count, COUNT retains its value,
116     0686 1     2 means the count is invalid.
117     0687 1
118     0688 1 SIDE EFFECTS:
119     0689 1
120     0690 1     NONE
121     0691 1
122     0692 1 --
123     0693 1
124     0694 2 BEGIN
125     0695 2
126     0696 2 EXTERNAL
127     0697 2     EDT$$A_CMD_BUF                ! Command string pointer
128     0698 2
129     L 0699 2 %IF SUPPORT_VT220
130     0700 2 %THEN
131     0701 2
132     0702 2     EDT$$B_CHAR_INFO : BLOCKVECTOR [256, 1, BYTE] ! Information about characters
133     0703 2 %FI
134     0704 2
135     0705 2 ;
136     0706 2
137     0707 2 LOCAL
138     0708 2     RET_VALUE,
139     0709 2     CHAR,
140     0710 2     L_COUNT;
141     0711 2
142     0712 2 L_COUNT = ..COUNT;
143     0713 2 CHAR = CH$RCHAR (.EDT$$A_CMD_BUF);
144     0714 2
```

```

: 145      L 0715 2 %IF SUPPORT_VT220
: 146      0716 2 %THEN
: 147      0717 2
: 148      0718 2 IF (.EDT$$B_CHAR_INFO [.CHAR, 0, 0, 8, 0] NEQ %X'F0')
: 149      0719 2 THEN
: 150      U 0720 2 %ELSE
: 151      U 0721 2
: 152      U 0722 2 IF (((.CHAR LSS %C'0') OR (.CHAR GTR %C'9'))
: 153      U 0723 2 THEN
: 154      0724 2 %FI
: 155      0725 2
: 156      0726 2 RET_VALUE = 0
: 157      0727 2 ELSE
: 158      0728 2 BEGIN
: 159      0729 2 RET_VALUE = 1;
: 160      0730 2 L_COUNT = 0;
: 161      0731 2
: 162      L 0732 2 %IF SUPPORT_VT220
: 163      0733 2 %THEN
: 164      0734 2
: 165      0735 2 WHILE (((.EDT$$B_CHAR_INFO [.CHAR, 0, 0, 8, 0] EQL %X'F0') AND (.RET_VALUE EQL 1)) DO
: 166      U 0736 2 %ELSE
: 167      U 0737 2
: 168      U 0738 2 WHILE (((.CHAR GEQ %C'0') AND (.CHAR LEQ %C'9')) AND (.RET_VALUE EQL 1)) DO
: 169      0739 2 %FI
: 170      0740 2
: 171      0741 4 BEGIN
: 172      0742 4
: 173      0743 5 IF (.L_COUNT GTR 3276)
: 174      0744 4 THEN
: 175      0745 4 RET_VALUE = 2
: 176      0746 4 ELSE
: 177      0747 5 BEGIN
: 178      0748 5 L_COUNT = .L_COUNT*10 + .CHAR - %C'0';
: 179      0749 5 CHAR = CH$A_RCHAR (EDT$$A_CMD_BUF);
: 180      0750 4 END;
: 181      0751 4
: 182      0752 4 IF ((.L_COUNT GTR 32767) OR (.L_COUNT LSS 0)) THEN RET_VALUE = 2;
: 183      0753 4
: 184      0754 3 END;
: 185      0755 3
: 186      0756 2 END;
: 187      0757 2
: 188      0758 2 .COUNT = .L_COUNT;
: 189      0759 2 RETURN (.RET_VALUE);
: 190      0760 1 END;
```

! of routine EDT\$\$CHK_CNT

.TITLE EDT\$CHMGCOUNT EDT\$CHMGCOUNT - look for a repeat
or entity cou

.IDENT \V04-000\

.EXTRN EDT\$\$A_CMD_BUF, EDT\$\$B_CHAR_INFO

.PSECT _EDT\$CODE,NOWRT, SHR, PIC,2

.ENTRY EDT\$\$CHK_CNT, Save R2,R3,R4,R5

: 0660

003C 00000

	55	00000000G	00	9E	00002	MOVAB	EDT\$B_CHAR_INFO, R5	:	
	54	00000000G	00	9E	00009	MOVAB	EDT\$A_CMD_BUF, R4	:	
	50	04	BC	D0	00010	MOVL	@COUNT, L_COUNT	:	0712
	51		64	D0	00014	MOVL	EDT\$A_CMD_BUF, R1	:	0713
	52		61	9A	00017	MOVZBL	(R1), CHAR	:	
F0	8F		6542	91	0001A	CMPB	EDT\$B_CHAR_INFO[CHAR], #240	:	0718
			04	13	0001F	BEQL	1\$:	
			53	D4	00021	CLRL	RET_VALUE	:	0726
			42	11	00023	BRB	6\$:	
53			01	D0	00025	MOVL	#1, RET_VALUE	:	0729
			50	D4	00028	CLRL	L_COUNT	:	0730
F0	8F		6542	91	0002A	CMPB	EDT\$B_CHAR_INFO[CHAR], #240	:	0735
			36	12	0002F	BNEQ	6\$:	
01			53	D1	00031	CMPL	RET_VALUE, #1	:	
			31	12	00034	BNEQ	6\$:	
00000CCC	8F		50	D1	00036	CMPL	L_COUNT, #3276	:	0743
			05	15	0003D	BLEQ	3\$:	
53			02	D0	0003F	MOVL	#2, RET_VALUE	:	0745
			11	11	00042	BRB	4\$:	
51	50		0A	C5	00044	MULL3	#10, L_COUNT, R1	:	0748
	50		D0 A241	9E	00048	MOVAB	-48(CHAR)[R1], L_COUNT	:	
			64	D6	0004D	INCL	EDT\$A_CMD_BUF	:	0749
	51		64	D0	0004F	MOVL	EDT\$A_CMD_BUF, R1	:	
	52		61	9A	00052	MOVZBL	(R1), CHAR	:	
00007FFF	8F		50	D1	00055	CMPL	L_COUNT, #32767	:	0752
			04	14	0005C	BGTR	5\$:	
			50	D5	0005E	TSTL	L_COUNT	:	
			C8	18	00060	BGEQ	2\$:	
53			02	D0	00062	MOVL	#2, RET_VALUE	:	
			C3	11	00065	BRB	2\$:	0735
04	BC		50	D0	00067	MOVL	L_COUNT, @COUNT	:	0758
	50		53	D0	0006B	MOVL	RET_VALUE, R0	:	0759
			04	0006E	RET			:	0760

; Routine Size: 111 bytes, Routine Base: _EDT\$CODE + 0000

```

; 191      0761 1
; 192      0762 1 !<BLF/PAGE>

```

```
! of module EDTSSCHMGCOUNT
```

.....

.....

.....

...

...

```
: Size:          111 code + 0 data bytes
: Run Time:      00:11.9
: Elapsed Time:  00:15.5
: Lines/CPU Min: 3866
: Lexemes/CPU-Min: 11337
: Memory Used:   73 pages
: Compilation Complete
```


0131 AH-BT13A-SE
VAX/VMS V4.0

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